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is longer and covers also part of the plug 10. The heat-shrinkable film 9 therefore covers part of the container 2, the adaptor (not shown on the FIG. 5 because entirely covered by the heat-shrinkable film 9) and part of the plug 10 in a continuous way. In such a case, for example, the heat-shrinkable film 9 is provided with an annular breakable line 13, like a dot-line or perforation line, which must be broken in order to remove the plug 10 and open the adaptor. The breakable line 13 therefore acts as a tamper evident means of the opening of the adaptor.

The assembly of the invention may be manufactured according to the following: an injection device comprising a container for a product, said container comprising a distal tip encompassing a channel providing a passageway for the transfer of said product, and a suitable adaptor are provided; by "suitable adaptor" is meant therein an adapting element having the adequate dimensions for being friction forced on the distal tip of the injection device. In a second step, the suitable adaptor is friction forced on the distal tip of said injection device. A heat-shrinkable film, for example made of polyvinyl chloride, under the form of a rectangular sheet, is bonded, for example by means of a glue, on the assembly so as to cover at least part of the adaptor and at least part of the container, preferably in a continuous way. In a further step, the heat-shrinkable film is heated until it shrinks and tightly covers said part of said container and said part, of said adaptor, preferably in a continuous way. As a consequence, the heat-shrunk film maintains the adaptor blocked in rotation, around the longitudinal axis A, and in translation with respect to the container.

In the case where the heat-shrinkable film also covers part of a plug mounted on the adaptor, the plug is mounted on the adaptor before bonding the heat-shrinkable film, and the length of the shrinkable film is chosen so as to cover entirely the adaptor and cover at least part of the plug, in particular in a continuous way. For example, a breakable line is designed in the area of the heat-shrinkable film intended to be bonded to the plug before said heat-shrinkable film is bonded to the container, the adaptor and the plug.

The assembly of the invention therefore allows connecting safely an injection device to a connector without having to check the tightness of the fixation between the injection device and the intermediate element formed of the adaptor.

What is claimed is:

1. An assembly comprising:

an injection device comprising a container for a product, said container comprising a distal tip encompassing a channel providing a passageway for transfer of said product;

an adaptor comprising a ring mounted onto said distal tip, said ring including an internally threaded portion and an inner projection extending radially inwardly, wherein said ring of said adaptor is mounted on said distal tip by friction between said inner projection and said distal tip and wherein said distal tip extends into said internally threaded portion of said adaptor with a distal end of said distal tip being disposed beyond a distal end of said adaptor; and

a heat-shrinkable film covering at least part of said container and at least part of said adaptor, said heat-shrinkable film not covering a distal end of said ring so as to allow access to said internal thread without removal of any portion of said heat-shrinkable film covering at least part of said container and at least part of said adaptor, said heat-shrinkable film maintaining said adaptor blocked in rotation and in translation with

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respect to said container when said heat-shrinkable film is in its heat-shrunk condition.

2. The assembly according to claim 1, wherein said heat-shrinkable film is made of a thermoplastic material selected from the group consisting of polyvinyl chloride (PVC), a polyethylene terephthalate (PET), oriented polystyrene (OPS), oriented polypropylene (OPP), polylactic acid (PLA) and mixtures thereof.

3. The assembly according to claim 2, wherein said heat-shrinkable film is made of polyvinyl chloride.

4. The assembly according to claim 1, wherein said assembly further comprises a label imprisoned between said heat-shrinkable film and said container and adaptor.

5. The assembly according to claim 1, wherein said assembly further comprises a label located on said heat-shrinkable film.

6. The assembly according to claim 1, wherein said assembly further comprises a plug mounted on said adaptor.

7. The assembly according to claim 6, wherein the heat-shrinkable film also covers at least part of said plug.

8. The assembly according to claim 7, wherein said heat-shrinkable film is provided with an annular breakable line located on a part of the heat-shrinkable film that covers part of said plug.

9. The assembly according to claim 1, wherein said heat-shrinkable film is at least partially glued on at least one of said container or adaptor.

10. The assembly according to claim 1, wherein said heat-shrinkable film is provided with writing.

11. The assembly according to claim 1, wherein said assembly further comprises a label imprisoned between said heat-shrinkable film and said container.

12. The assembly according to claim 1, wherein said assembly further comprises a label imprisoned between said heat-shrinkable film and said adaptor.

13. The assembly according to claim 1, wherein said product comprises a medical fluid.

14. A method for manufacturing an assembly according to claim 1 comprising the following steps:

providing an injection device comprising a container for a product, said container comprising a distal tip encompassing a channel providing a passageway for transfer of said product, and a suitable adaptor including a ring, said ring including an internally threaded portion and an inner projection extending radially inwardly,

fitting the suitable adaptor on the distal tip of said injector device, wherein said ring of said adaptor is mounted on said distal tip by friction between said inner projection and said distal tip and wherein said distal tip extends into said internally threaded portion of said adaptor with a distal end of said distal tip being disposed beyond a distal end of said adaptor,

bonding a heat-shrinkable film on the assembly so as to cover at least part of said adaptor and at least part of said container but not a distal end of said ring so as to allow access to said internal thread without removal of any portion of said heat-shrinkable film that covers at least part of said adaptor and at least part of said container, and

heating the heat-shrinkable film until it shrinks and tightly covers said part of said container and said part of said adaptor so as to maintain said adaptor blocked in rotation and in translation with respect to said container.